

wt ob/ob

vert

femur

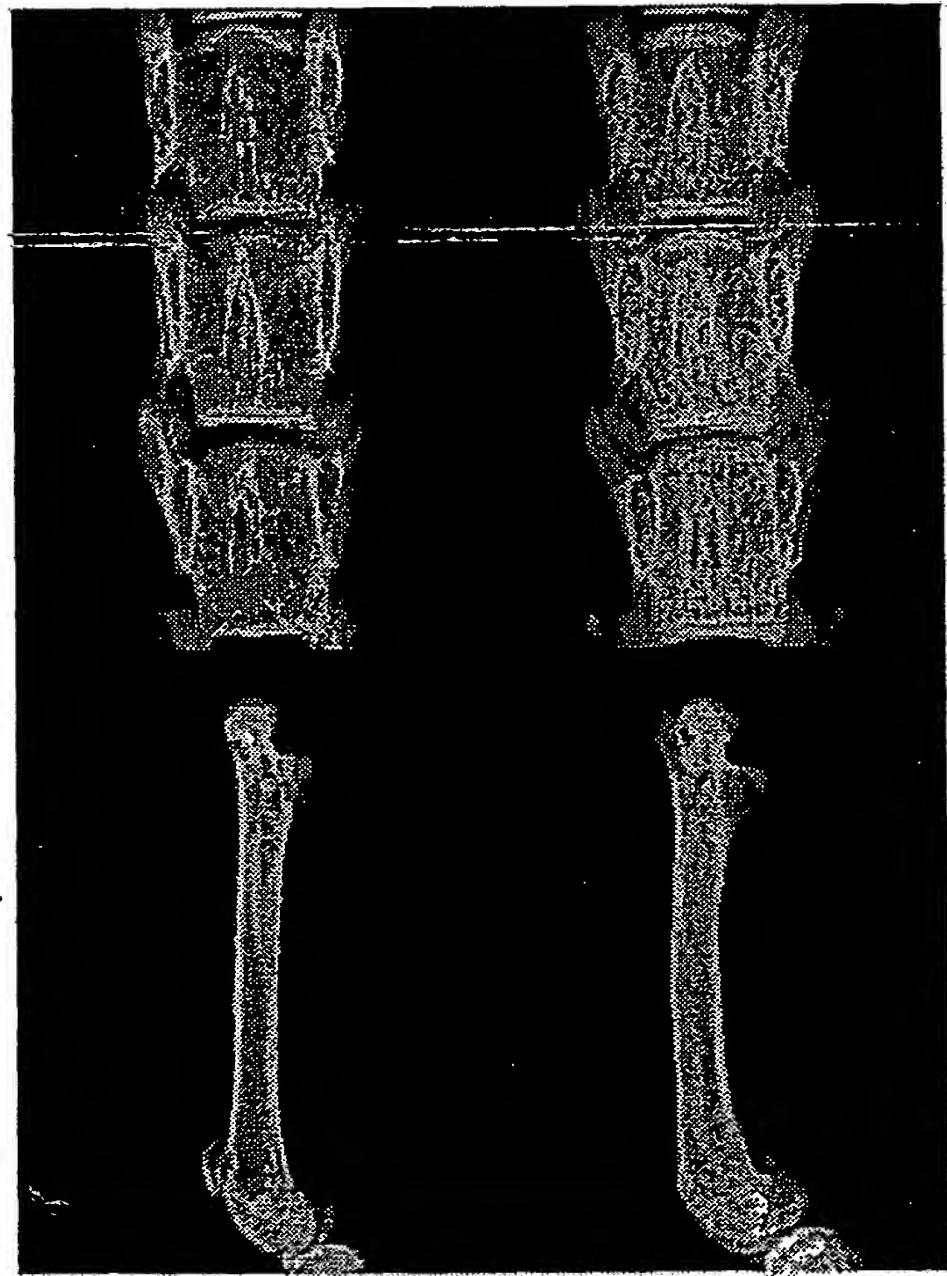
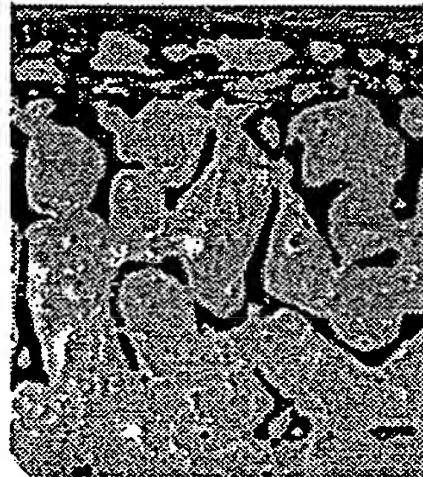


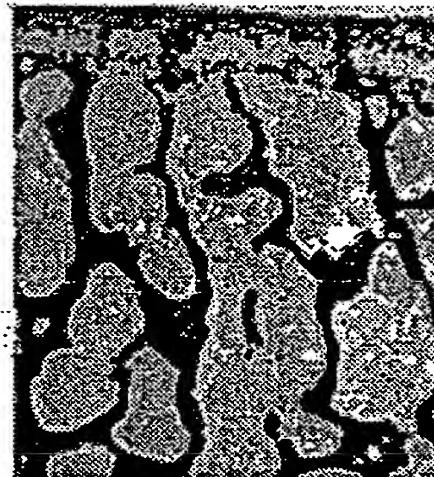
Figure 1A

3m.

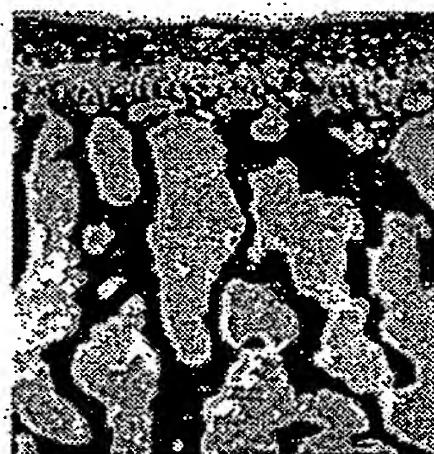
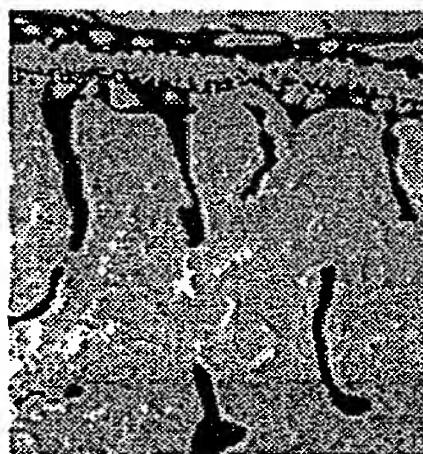
wt



ob/ob



6m.
vert.



6m.
tibia



Figure 1B

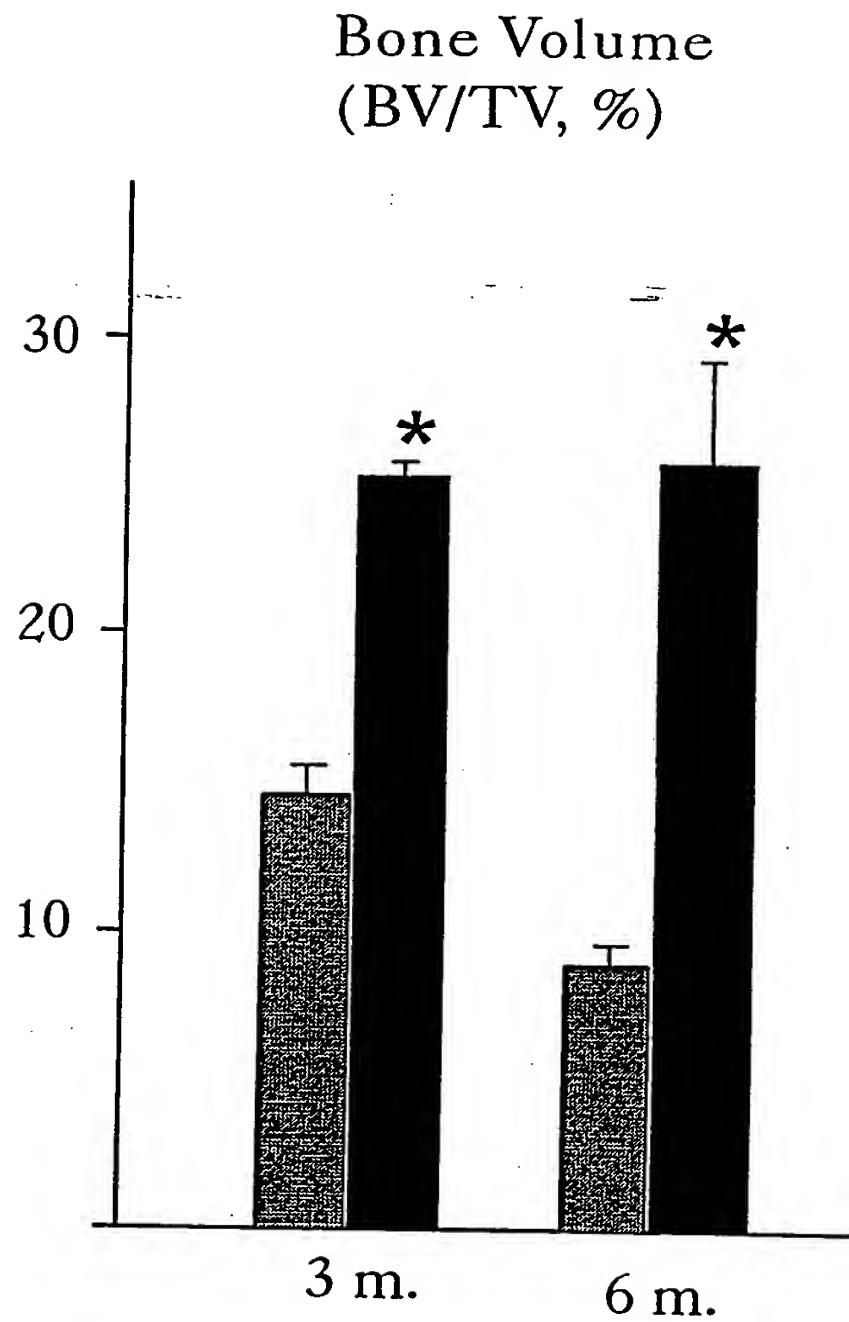


Figure 1C

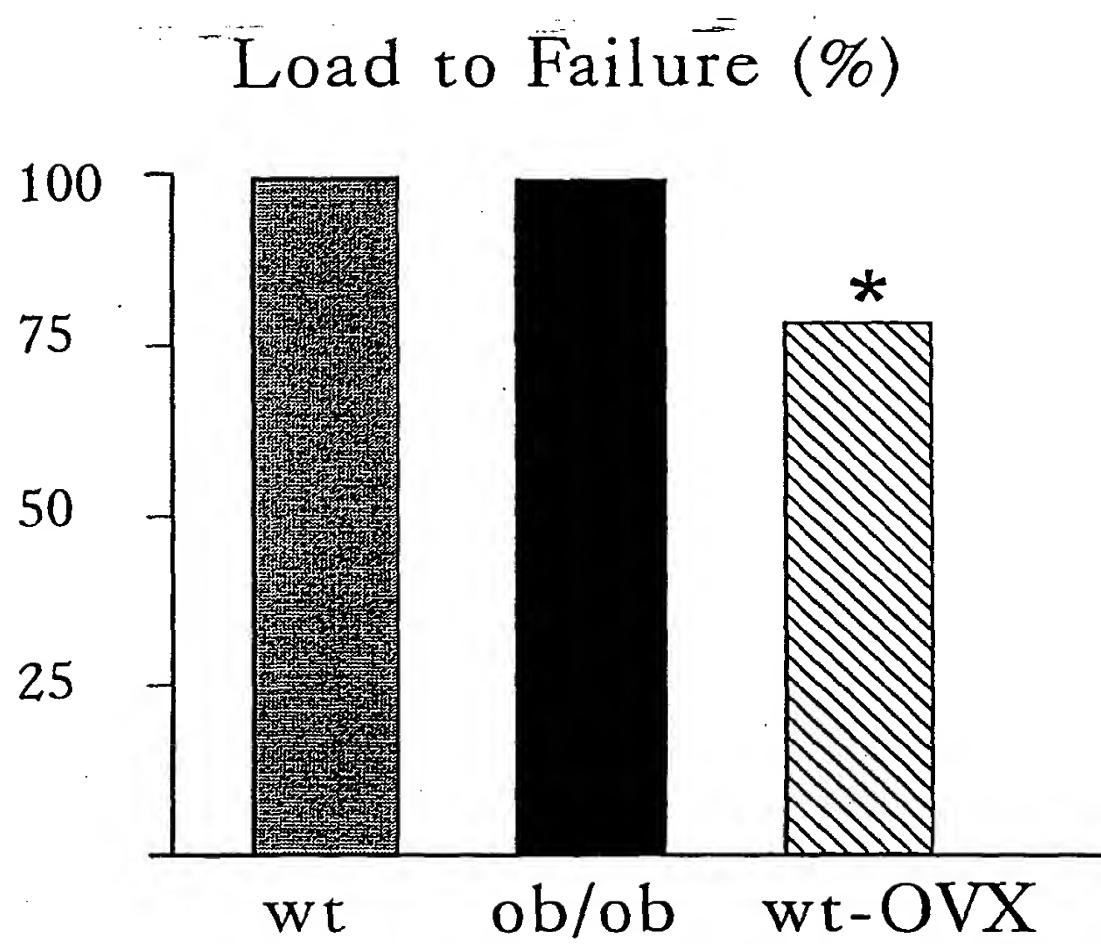


Figure 1D

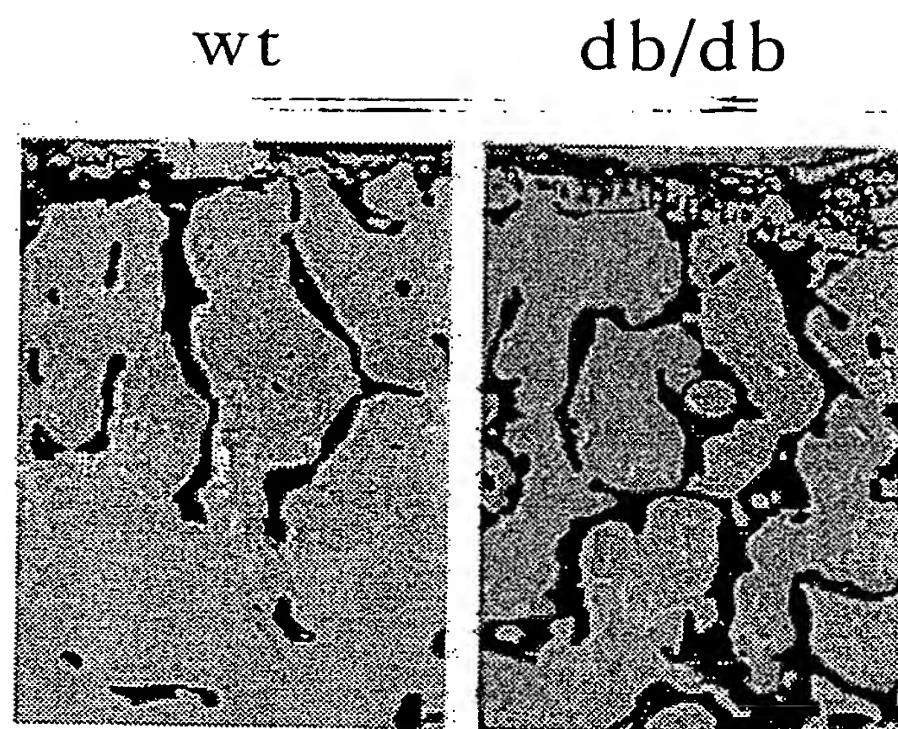


Figure 1E

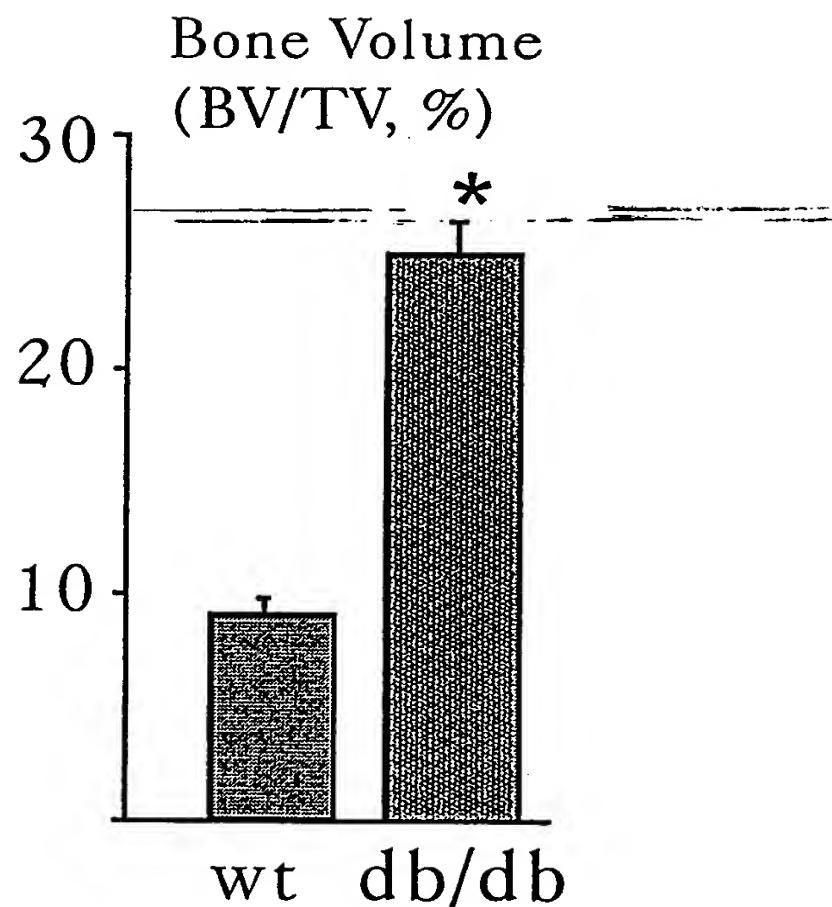
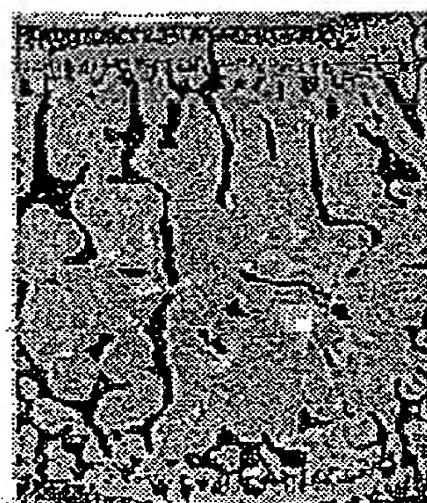
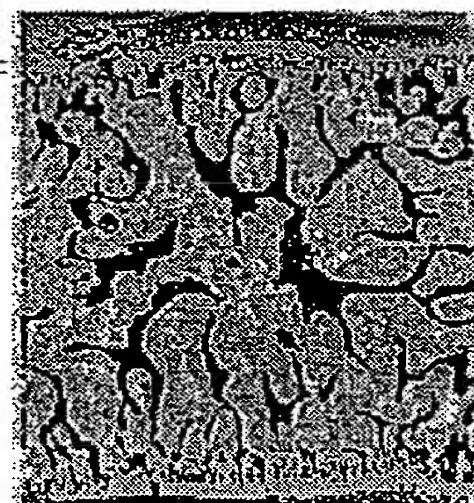


Figure 1F

wt. 1 mo



ob/ob 1 mo
LFdiet



B. Weight (g) 17.8 \pm 3.1 20.3 \pm 1.6

Bone Vol. (%) 13.8 ± 1.0 25.1 ± 1.4

Figure 2A

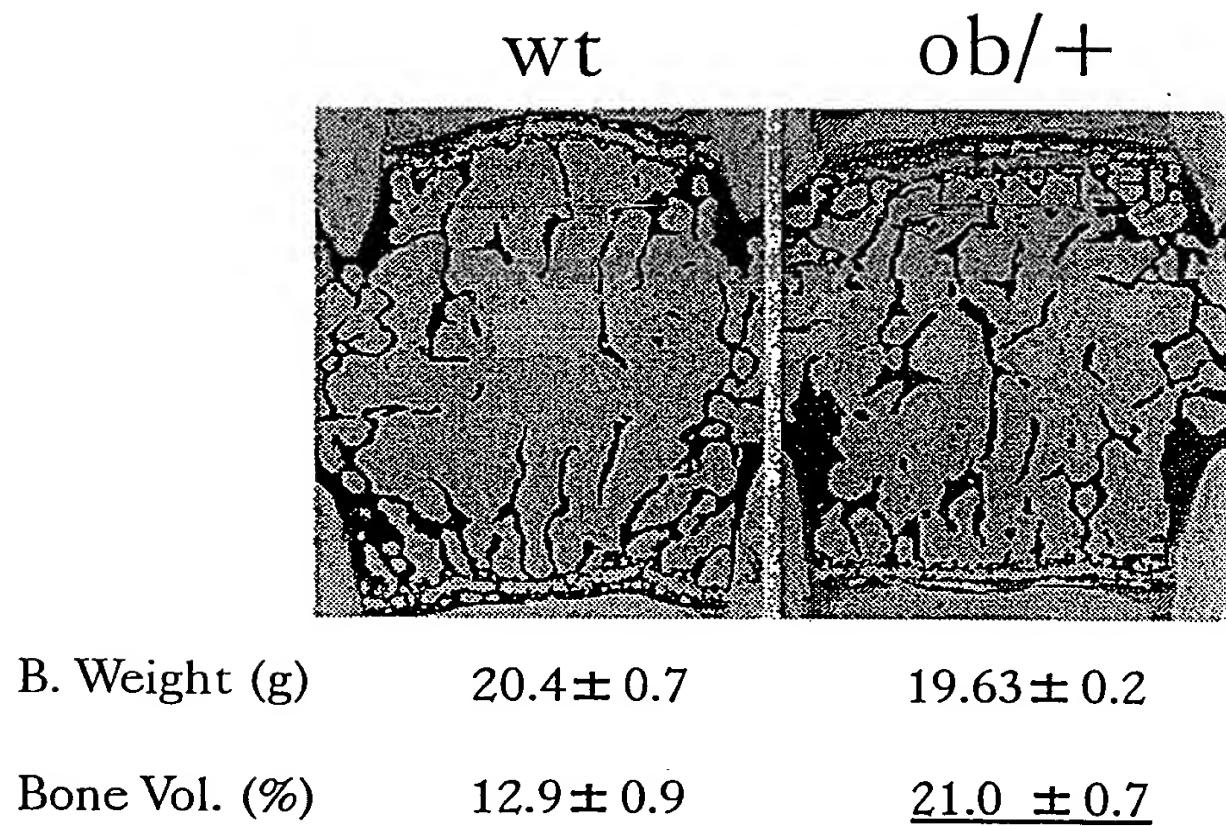


Figure 2B

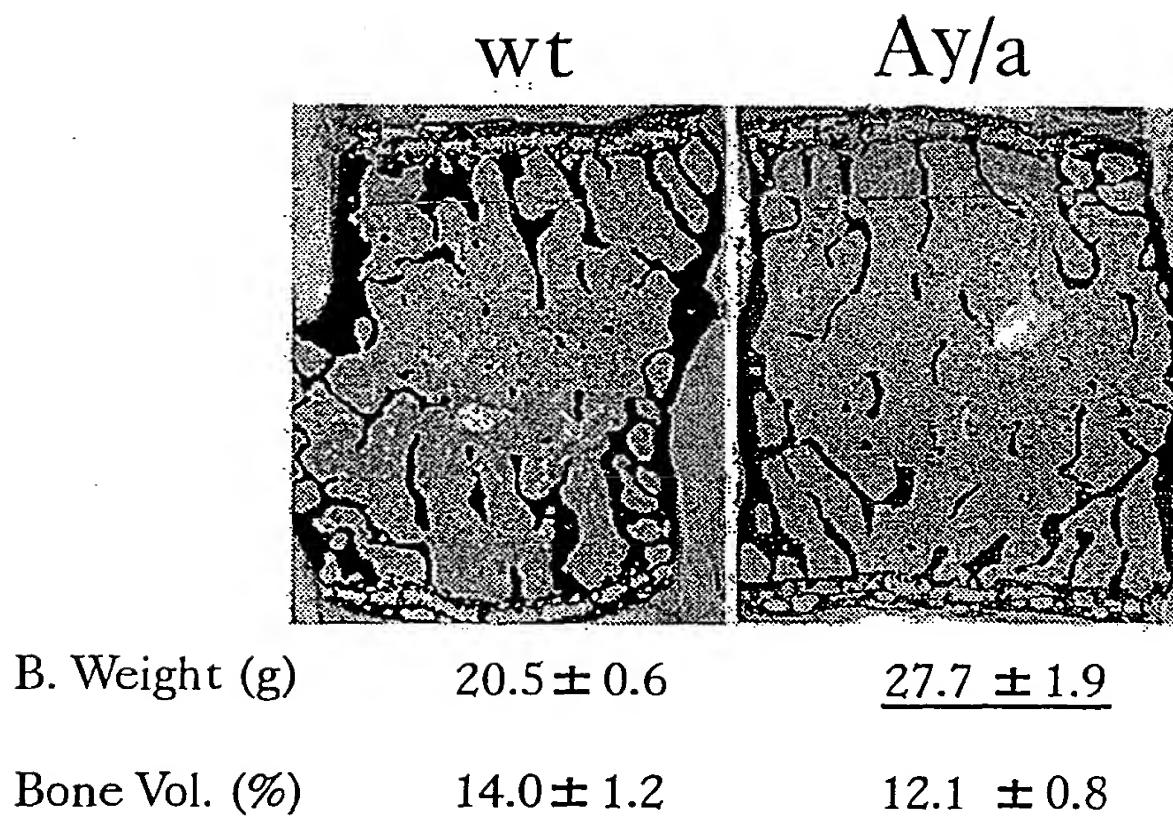


Figure 2C

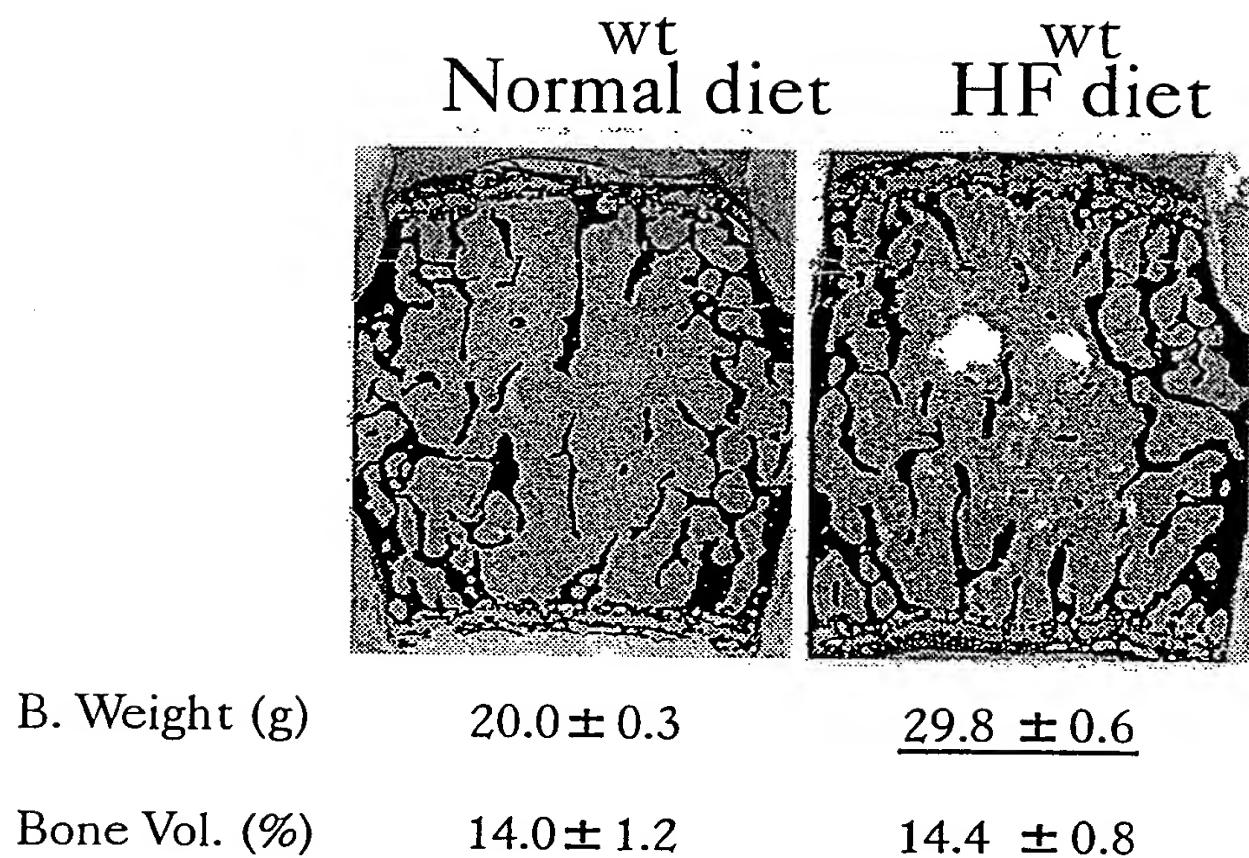
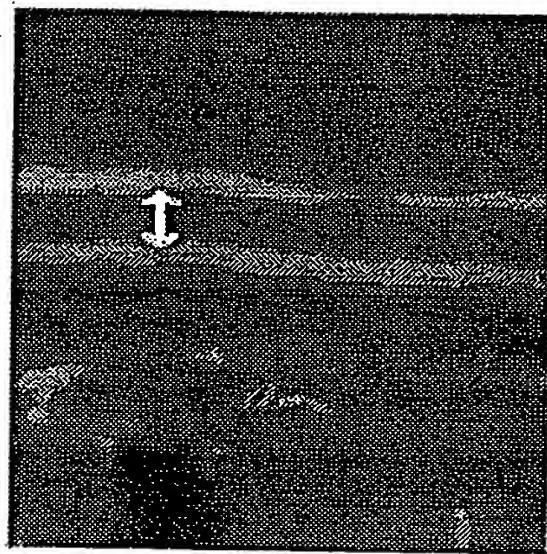


Figure 2D

wt



ob/ob

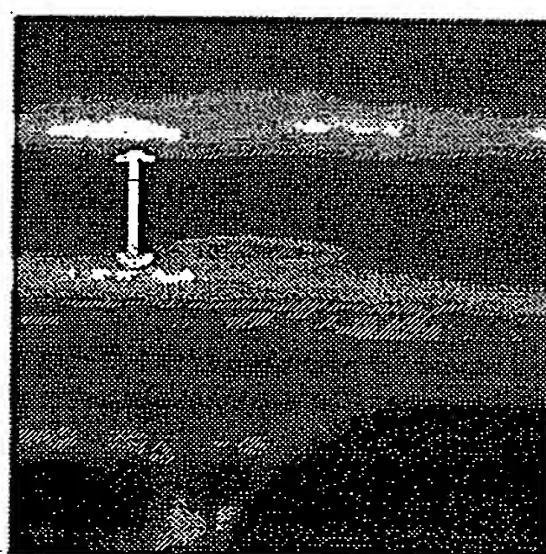


Figure 3A

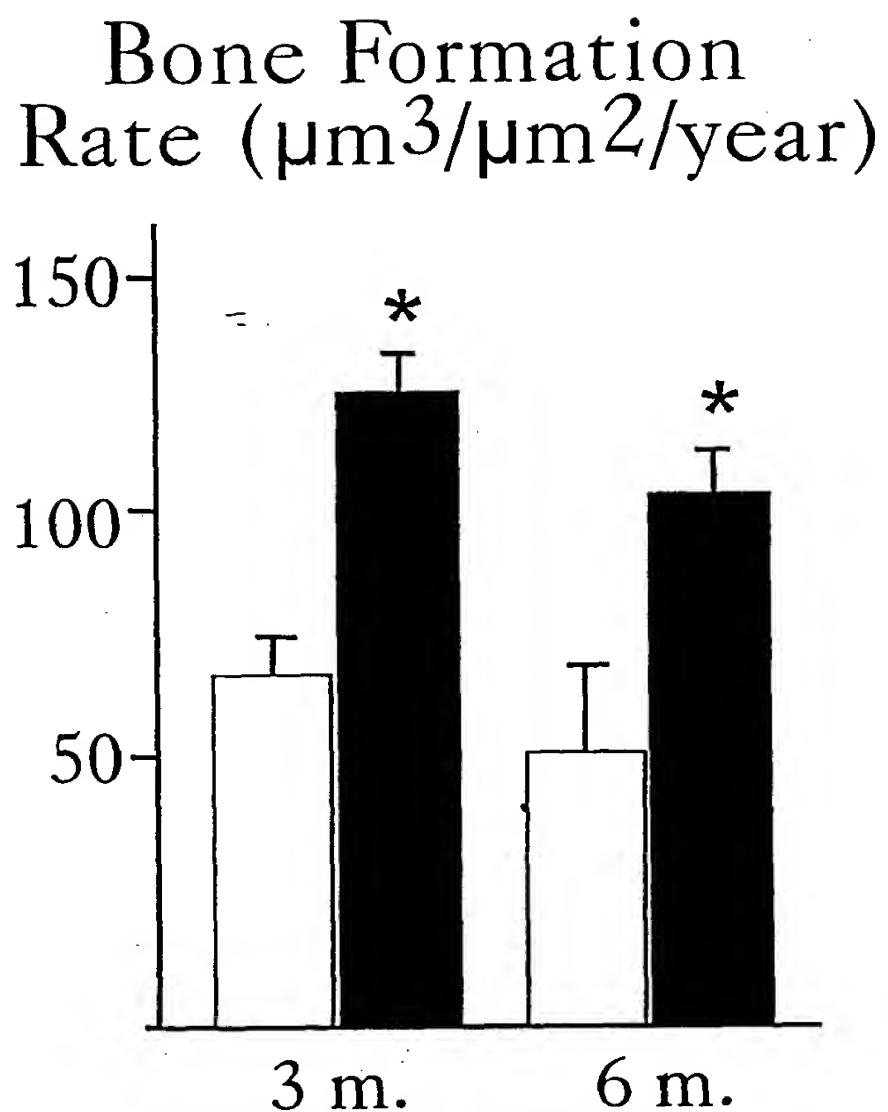


Figure 3B

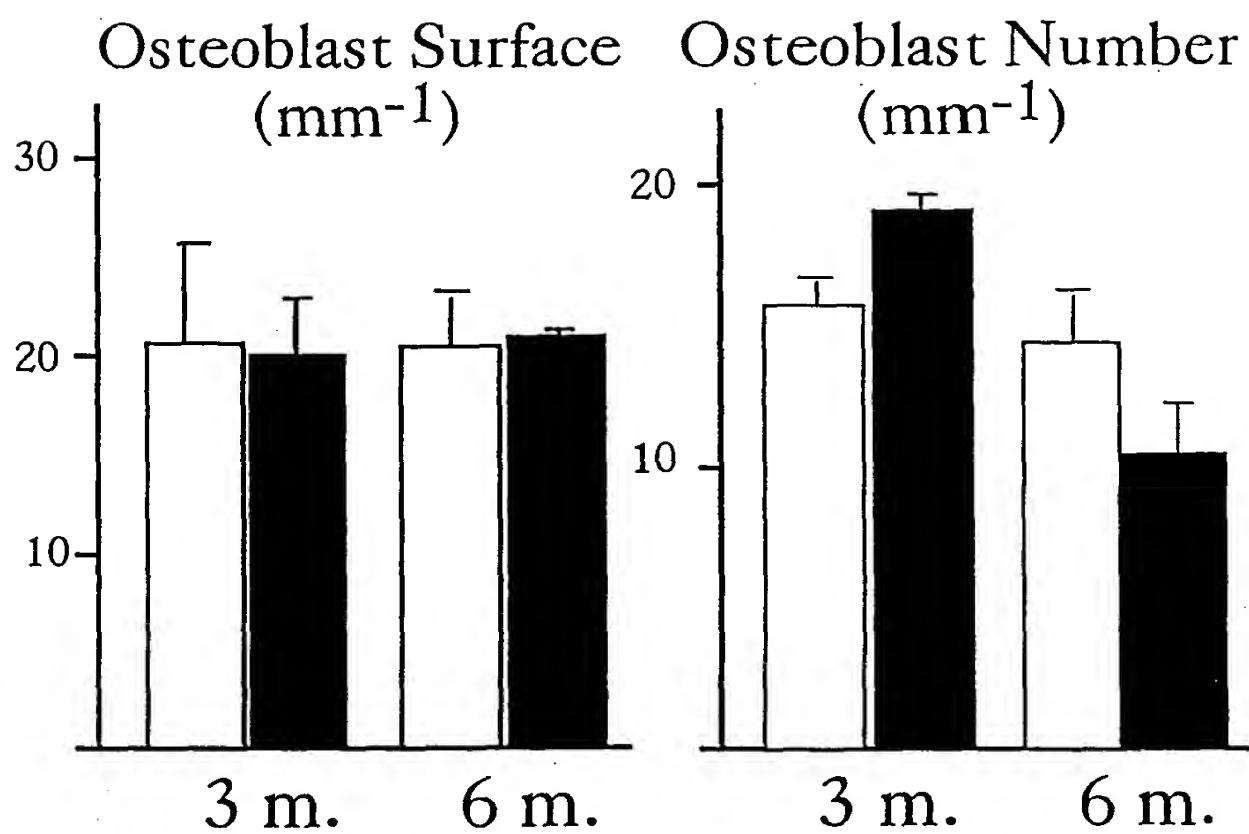


Figure 3C

Bone Formation Rate ($\mu\text{m}^3/\mu\text{m}^2/\text{year}$)

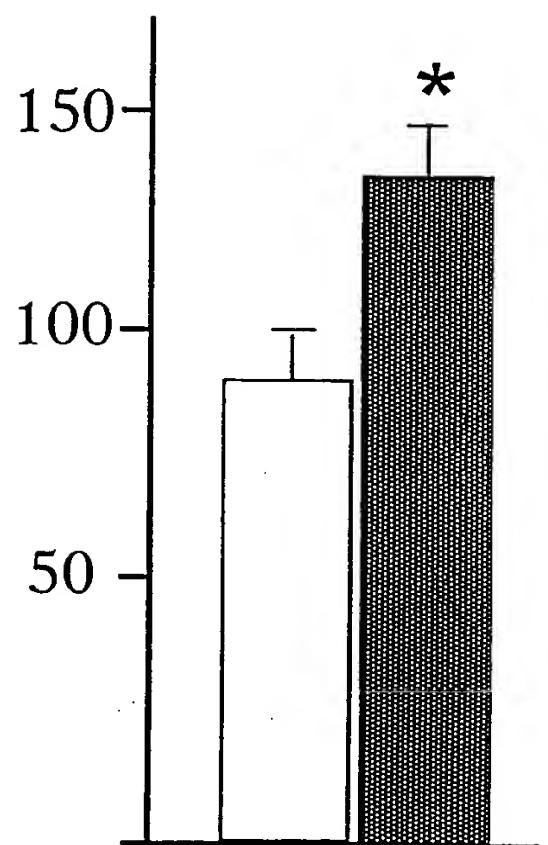


Figure 3D

Osteoblast
Number (mm^{-1})

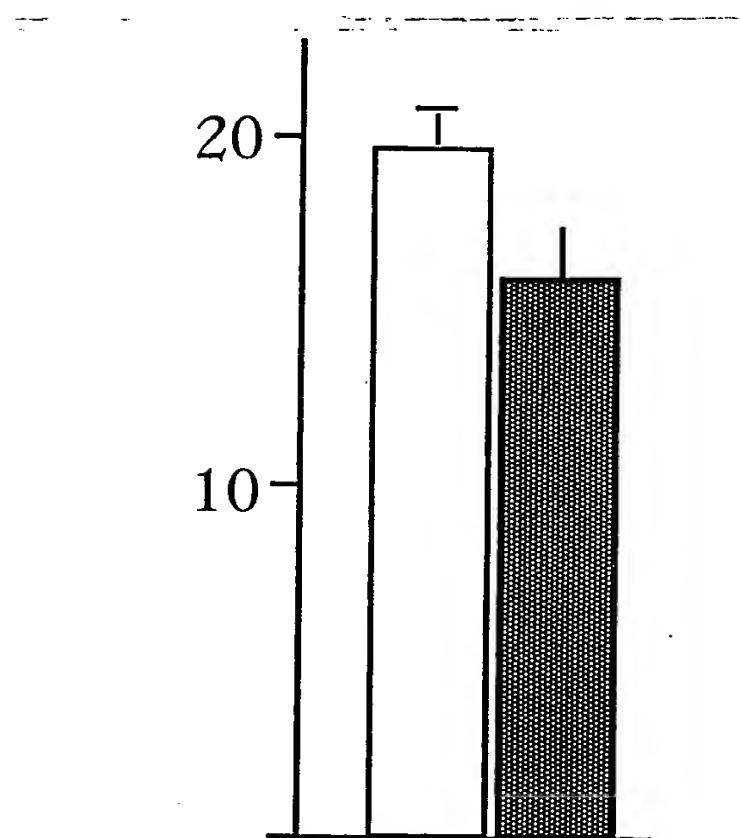


Figure 3E

Osteoclast Number (mm^{-1})

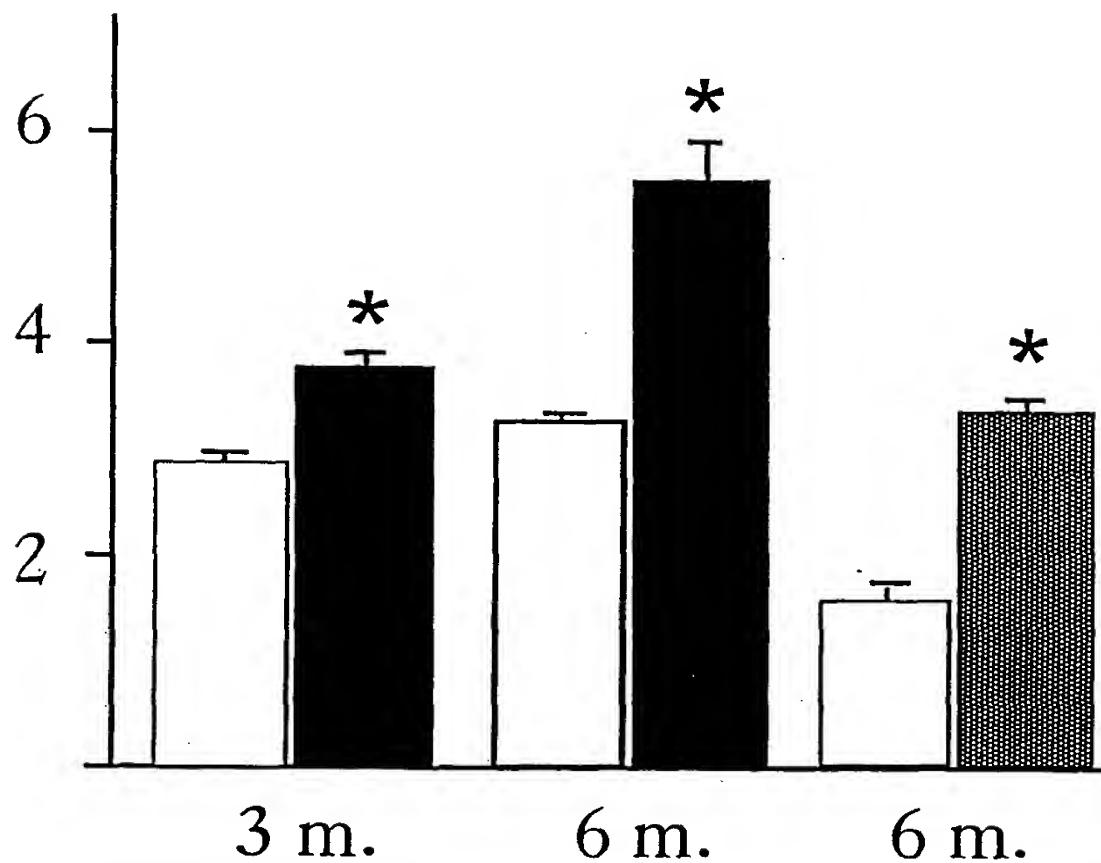


Figure 3F

Bone Formation Rate ($\mu\text{m}^3/\mu\text{m}^2/\text{year}$)

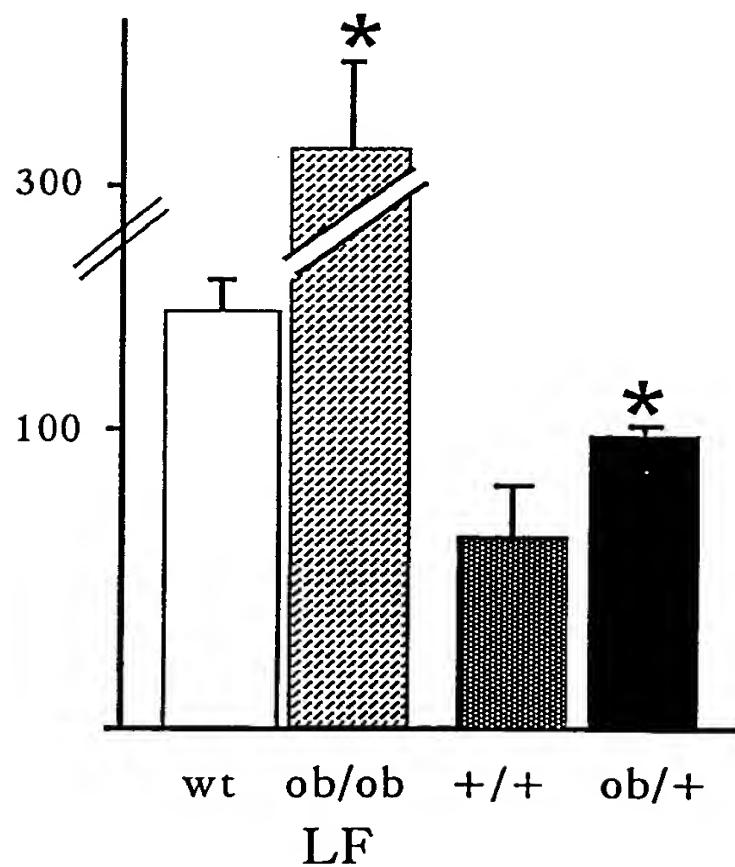


Figure 3G

Bone Formation Rate ($\mu\text{m}^3/\mu\text{m}^2/\text{year}$)

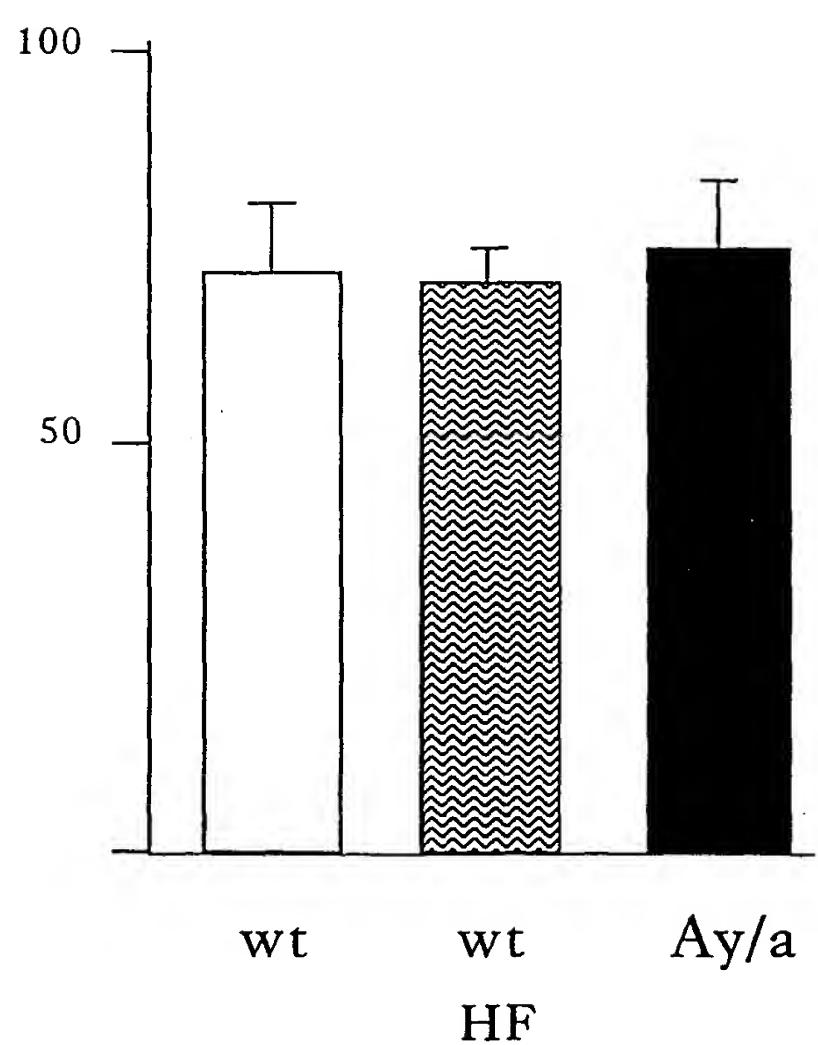


Figure 3H

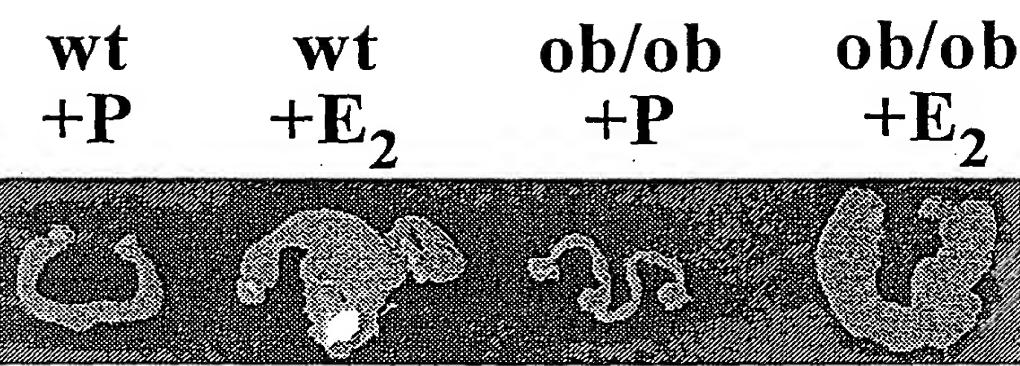


Figure 4A

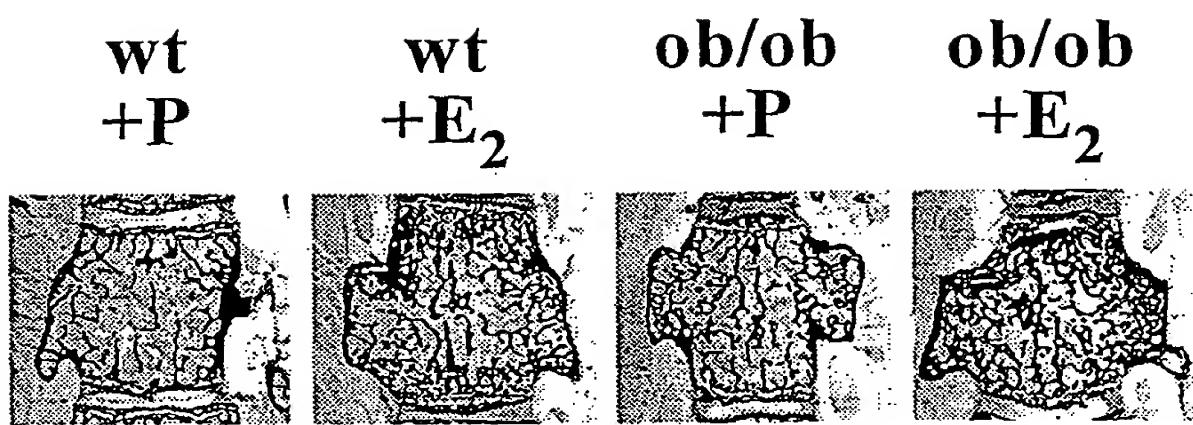


Figure 4B

Osteoclast Number (mm^{-1})

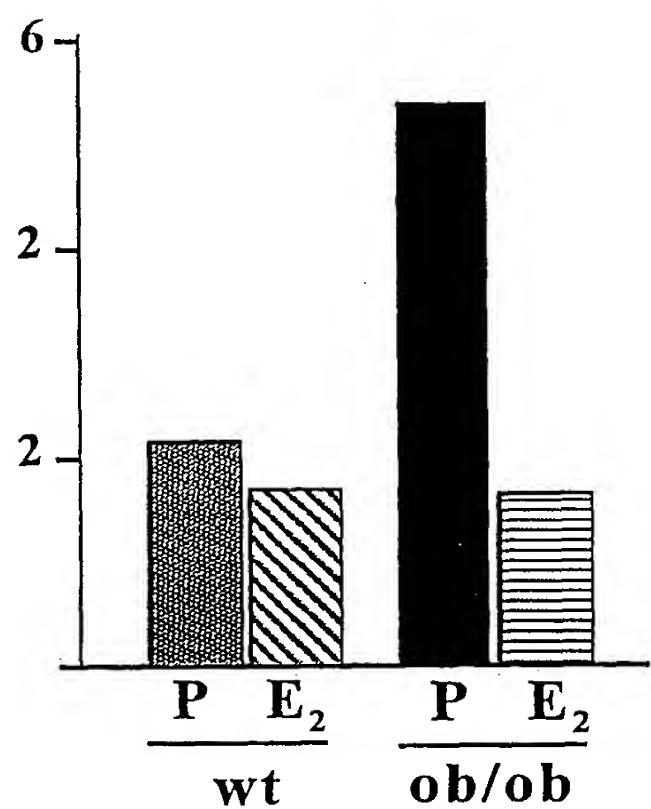


Figure 4C

Bone Volume (BV/TV, %)

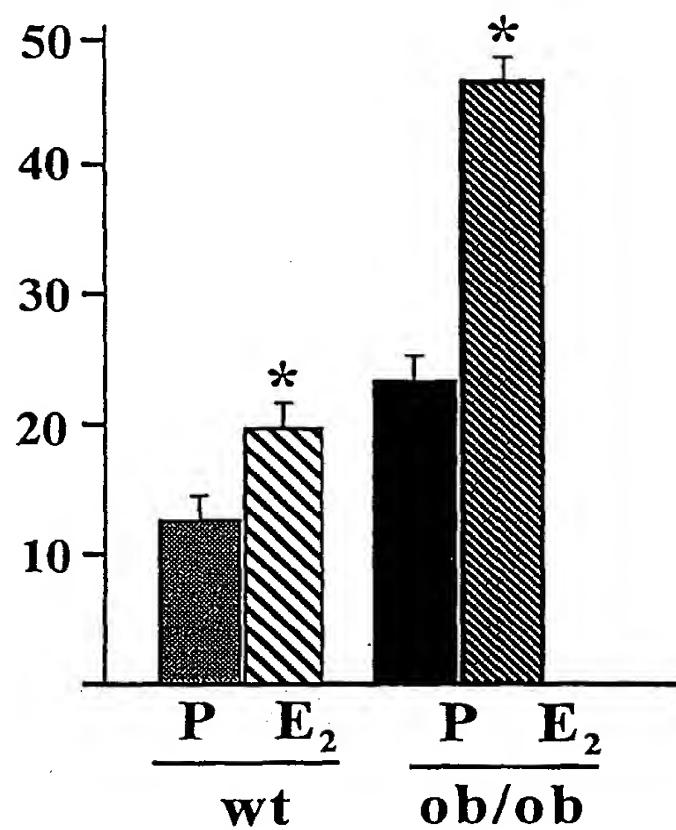


Figure 4D

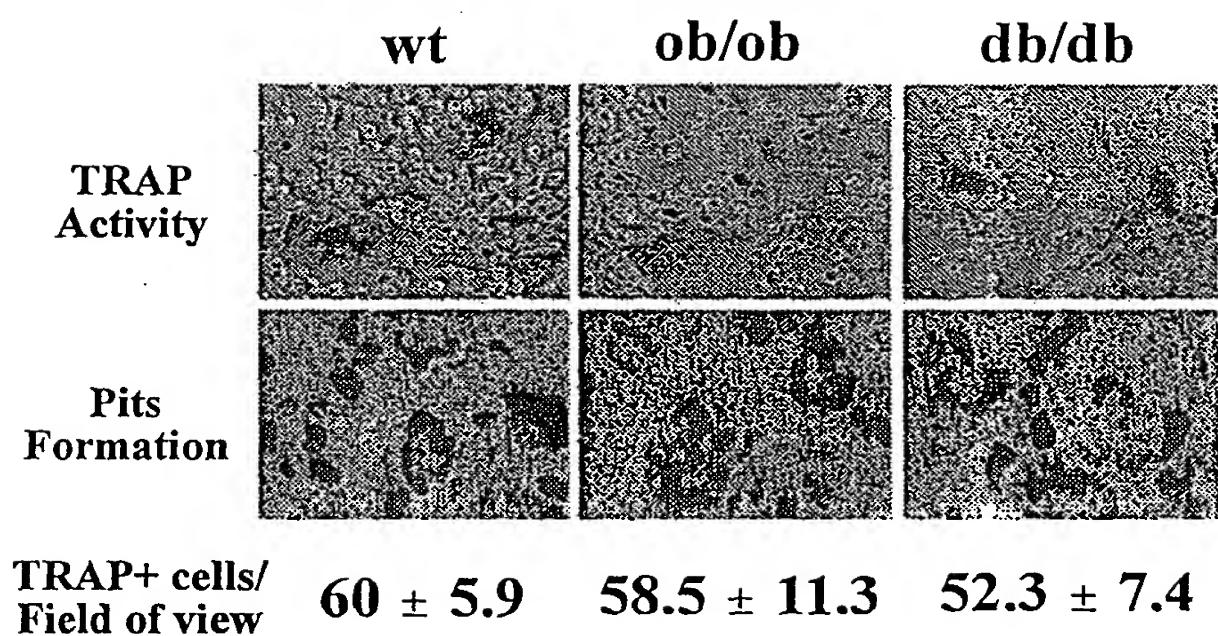


Figure 4E

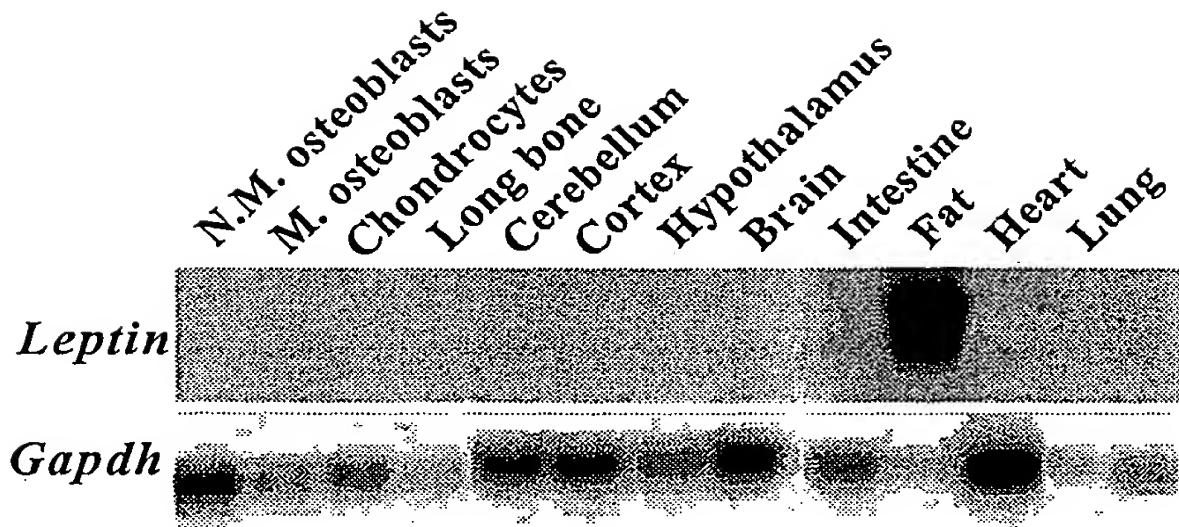


Figure 5A

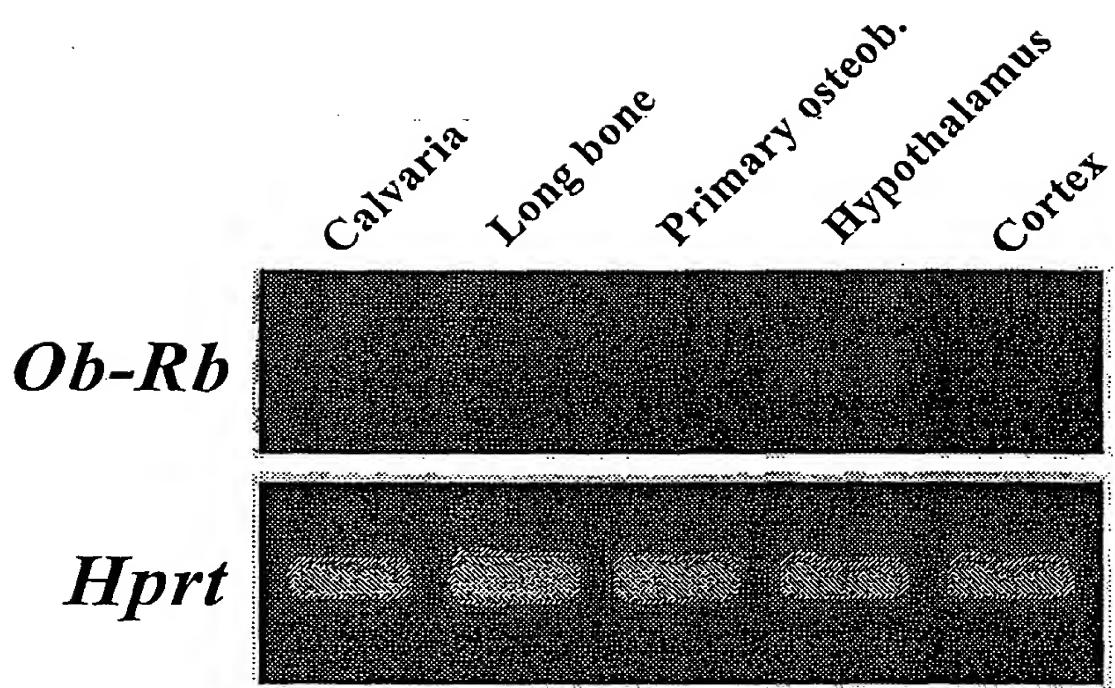


Figure 5B

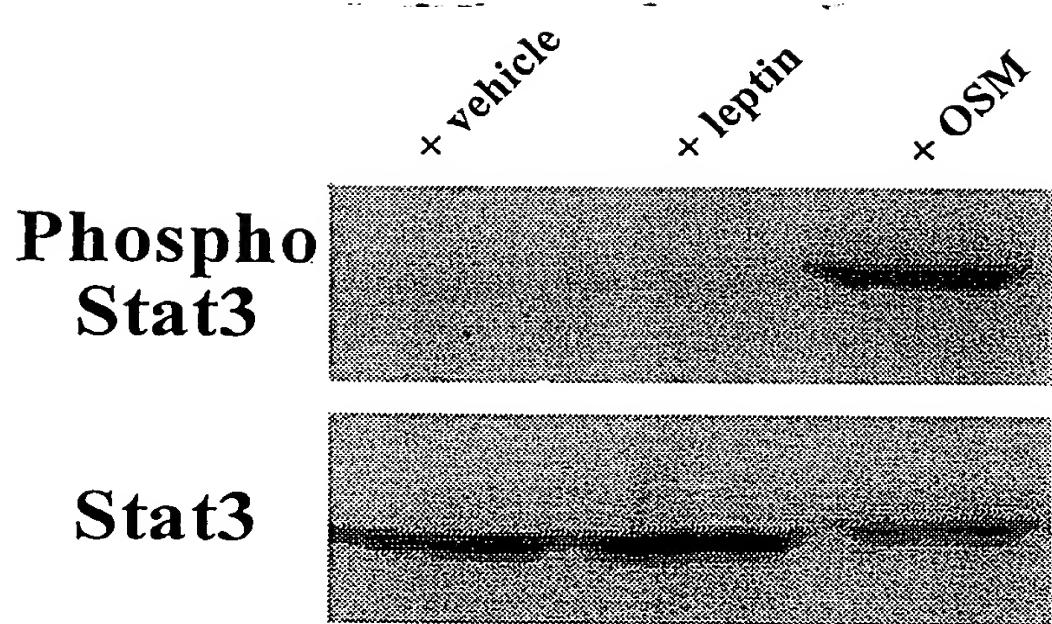


Figure 5C

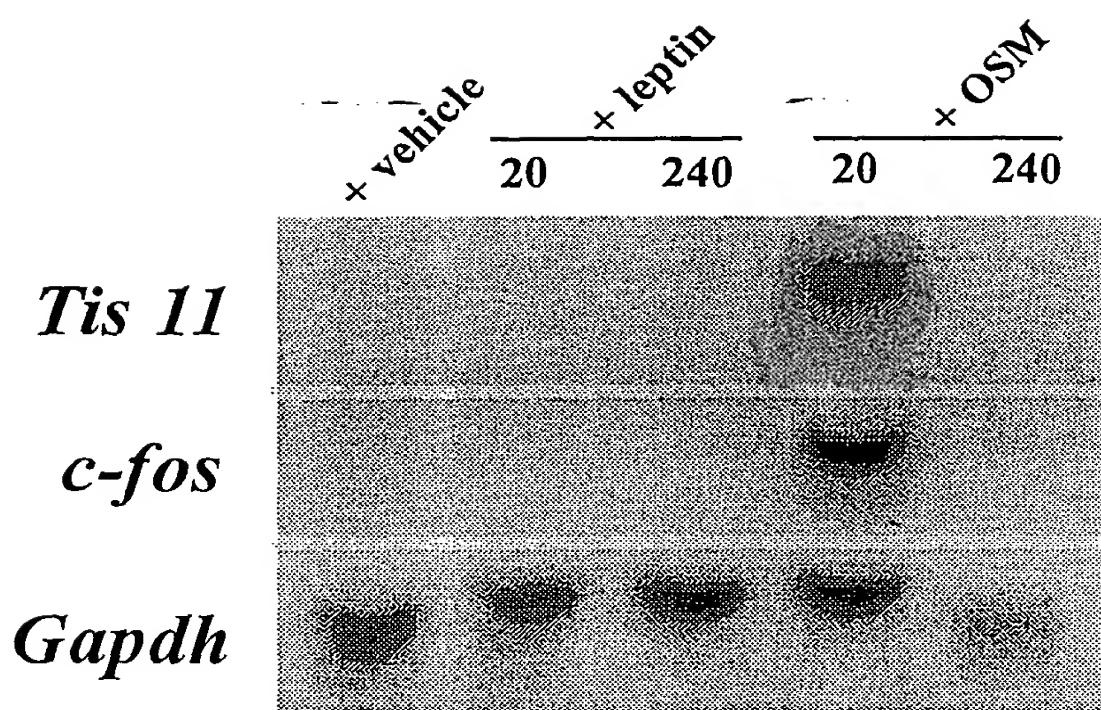


Figure 5D

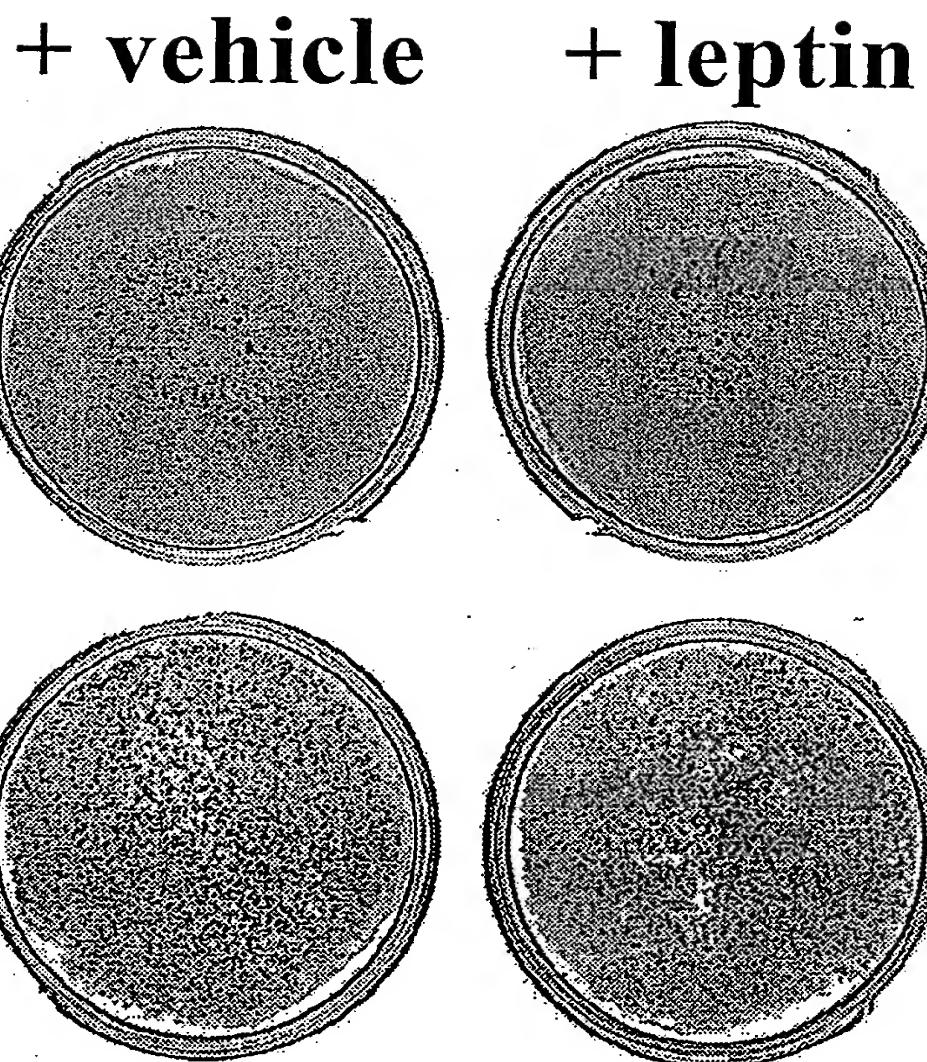


Figure 5E

wt

wt

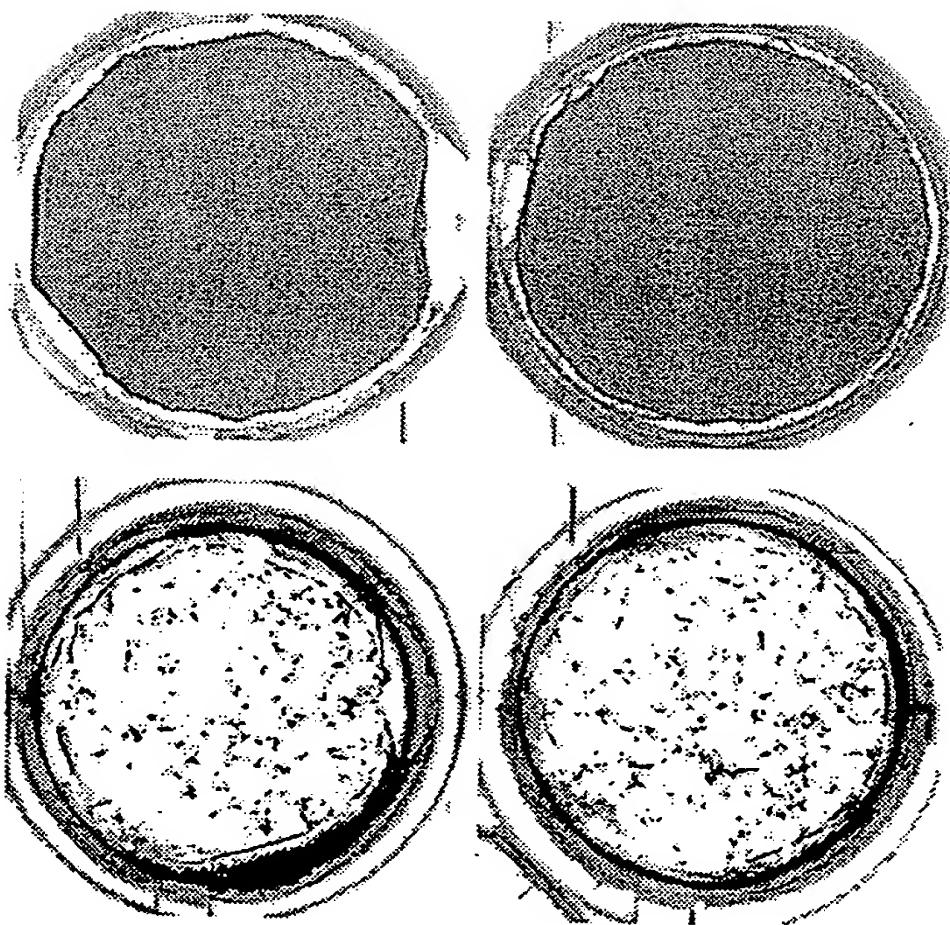


Figure 5F

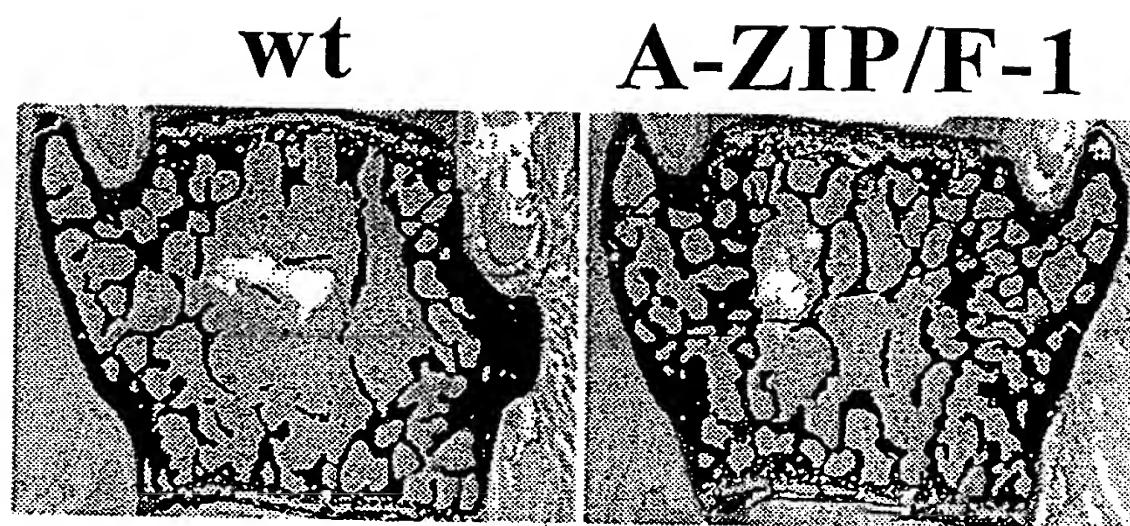


Figure 6A

Bone Volume (BV/TV, %)

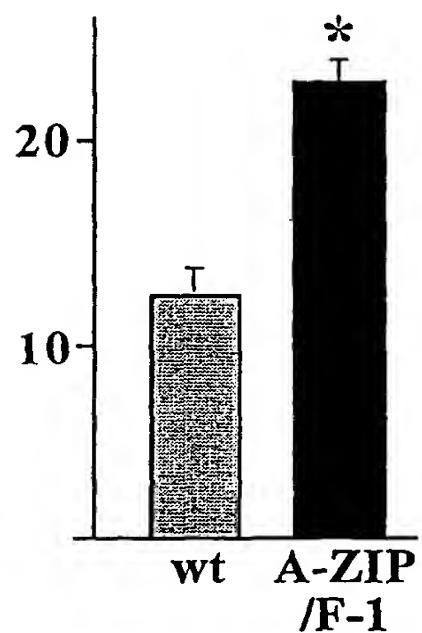


Figure 6B

Bone Formation Rate ($\mu\text{m}^3/\mu\text{m}^2/\text{year}$)

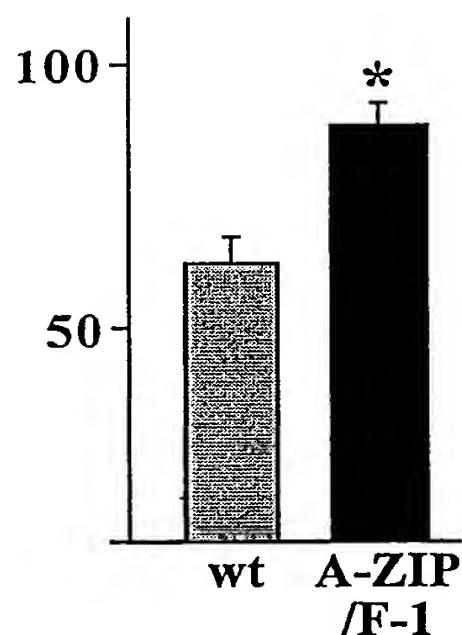


Figure 6C

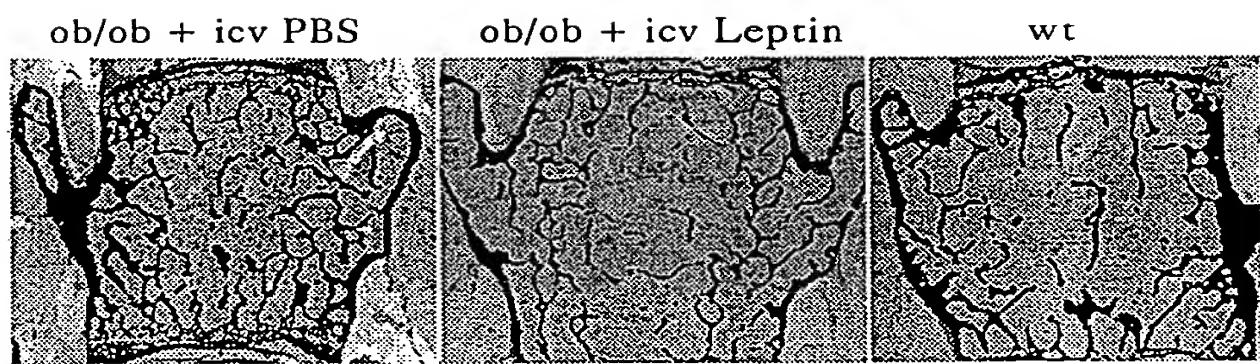


Figure 7A

Bone Volume (BV/TV, %)

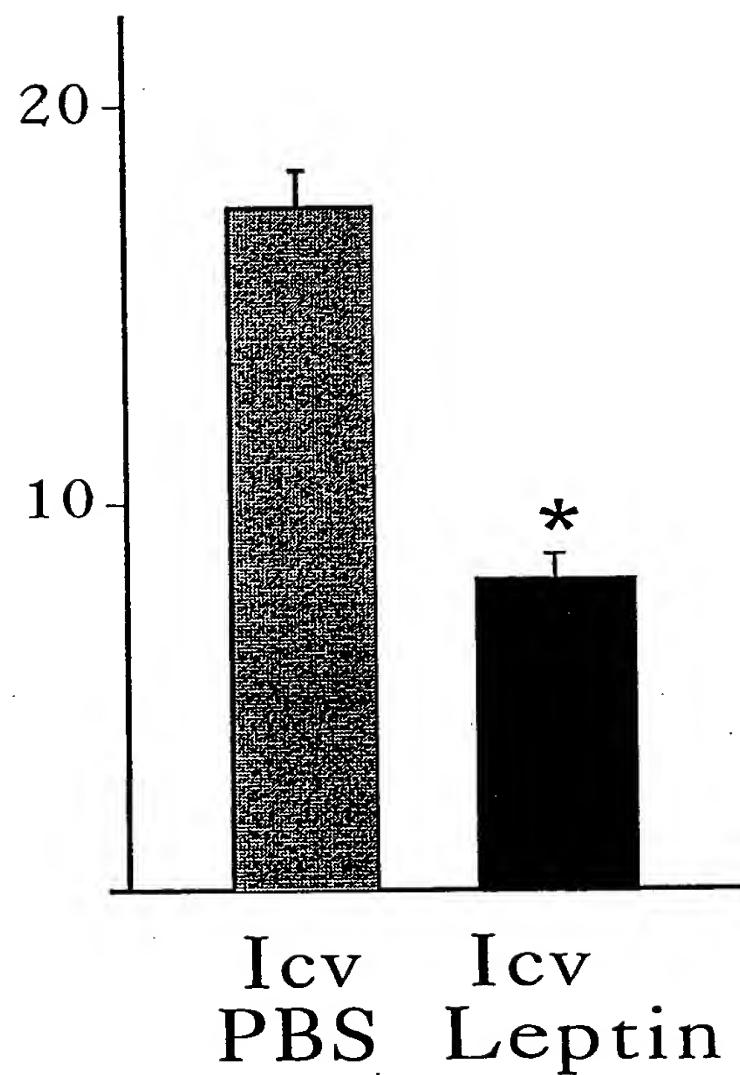


Figure 7B

Trabecular Thickness (μm)

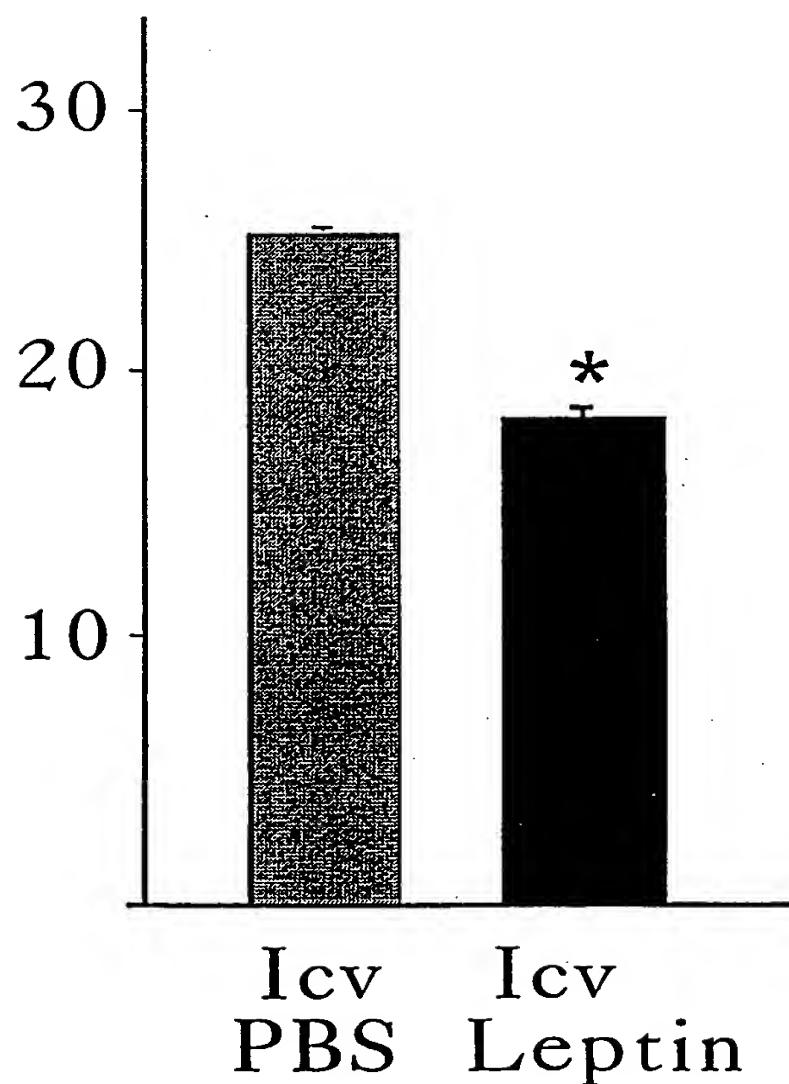


Figure 7C

Bone Formation Rate ($\mu\text{m}^3/\mu\text{m}^2/\text{year}$)

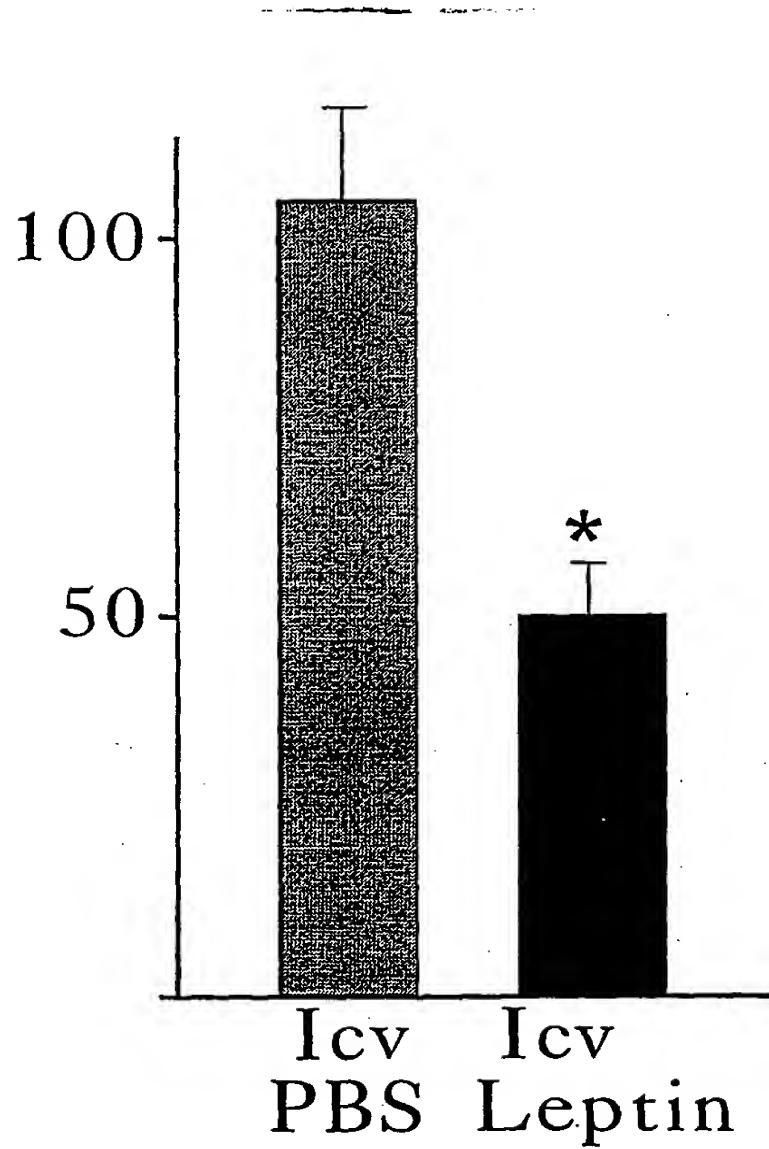


Figure 7D